# CALENDAR ITEM C20

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		W 26789
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#### **GENERAL LEASE - PUBLIC AGENCY USE**

#### **APPLICANT:**

Glenn-Colusa Irrigation District

#### AREA, LAND TYPE, AND LOCATION:

Sovereign land in the Sacramento River, adjacent to 1601 Bechelli Lane, in the city of Redding, Shasta County.

#### **AUTHORIZED USE:**

Redistribution and monitoring of up to 10,000 cubic yards of gravel material in the bed of the Sacramento River and side channel known as "Painter's Riffle" to create and maintain a channel approximately 800 feet long by 100 feet wide for the restoration of spawning habitats for native and protected fish.

#### LEASE TERM:

2 years, beginning October 14, 2014.

#### **CONSIDERATION:**

The public use and benefit; with the State reserving the right at any time to set a monetary rent if the Commission finds such action to be in the State's best interest.

#### OTHER PERTINENT INFORMATION:

- 1. Applicant has the right to use the uplands adjoining the lease premises.
- 2. In 1986, the California Department of Fish and Wildlife (formerly known as Department of Fish and Game) constructed a side channel in the Upper Sacramento River to support salmon spawning habitat, referred to as "Painter's Riffle."
- 3. In 2008, approximately 11,000 cubic yards of gravel was placed upstream in the river as a work pad for the construction of the Highway 44 Bridge. The majority of this gravel has washed downstream and deposited in the salmon spawning area of Painter's Riffle.

### CALENDAR ITEM NO. **C20** (CONT'D)

- 4. The Applicant proposes to restore the spawning habitat in the bed of the channel by redistributing up to 10,000 cubic yards of the deposited gravel in the bed of the channel and river to create and maintain a channel approximately 800 feet long by 100 feet wide.
- 5. Redistribution of the gravel will occur by use of front loaders, paddle wheel scrapers, bulldozers, dump trucks, and excavators. In-river work is scheduled to take approximately 2 to 3 weeks in November 2014. The Applicant is applying for a General Lease Public Agency Use.
- 6. A Mitigated Negative Declaration, State Clearinghouse No. 2014082028, was prepared by the Glenn-Colusa Irrigation District as the lead agency and adopted on September 18, 2014, for this project. California State Lands Commission staff has reviewed such document.
- 7. A Mitigation Monitoring Program was adopted by the Glenn-Colusa Irrigation District.
- 8. This activity involves lands identified as possessing significant environmental values pursuant to Public Resources Code section 6370 et seq., but such activity will not affect those significant lands. Based upon the staff's consultation with the persons nominating such lands and through the CEQA review process, it is the staff's opinion that the project, as proposed, is consistent with its use classification.

#### **EXHIBITS:**

- A. Land Description
- B. Site and Location Map
- C. Mitigation and Monitoring Program

#### **APPROVAL OBTAINED:**

City of Redding Encroachment Permit

#### **FURTHER APPROVALS REQUIRED:**

U.S. Army Corps of Engineers, California Department of Fish and Wildlife, Central Valley Regional Water Quality Board, Central Valley Flood Protection Board

## CALENDAR ITEM NO. C20 (CONT'D)

#### **RECOMMENDED ACTION:**

It is recommended that the Commission:

#### **CEQA FINDING:**

Find that a Mitigated Negative Declaration, State Clearinghouse No. 2014082028, and a Mitigation Monitoring Program were prepared by the Glenn-Colusa Irrigation District and adopted on September 18, 2014, for this Project and that the Commission has reviewed and considered the information contained therein.

Adopt the Mitigation Monitoring Program, as contained in Exhibit C, attached hereto.

#### SIGNIFICANT LANDS INVENTORY FINDING:

Find that this activity is consistent with the use classification designated by the Commission for the land pursuant to Public Resources Code section 6370 et seq.

#### **AUTHORIZATION:**

Authorize issuance of a General Lease – Public Agency Use to the Glenn-Colusa Irrigation District, beginning October 14, 2014, for a term of 2 years, for the redistribution and monitoring of up to 10,000 cubic yards of gravel material in the bed of the Sacramento River and side channel known as "Painter's Riffle" to create and maintain a channel approximately 800 feet long by 100 feet wide for the restoration of spawning habitats for native and protected fish, as described in Exhibit A and shown on Exhibit B (for reference purposes only) attached and by this reference made a part hereof; consideration is the public use and benefit, with the State reserving the right at any time to set a monetary rent if the Commission finds such action to be in the State's best interest.

#### **EXHIBIT A**

W 26789

#### LAND DESCRIPTION

A parcel of submerged land, situate in the bed of the Sacramento River lying adjacent to fractional Section 31, T32N, R4W, MDM as shown on the Official Government Plat approved January 19<sup>th</sup>, 1870, County of Shasta, State of California and more particularly described as follows:

COMMENCING at a 2 inch iron pipe, R.E. 4603, as shown on "Survey of a Control Line for State Highway Purposes" filed in Book 24 of Land Surveys at Page 13 in Records of said county, being the north ¼ corner of said Section 31 from which the northeast corner of said Section 31 bears North 88°35′33" East 2640.39 feet (North 88°35′32" East 2640.35 feet per said map); thence South 20°43′16" West 3356.84 feet to a point on the left bank of the Sacramento River and being the POINT OF BEGINNING; thence along said bank South 22°30′02" East 740.28 feet; thence South 36°46′23" East 356.14 feet; thence leaving said bank South 45°33′08" West 154.58 feet; thence North 53°08′40" West 547.64 feet; thence North 15°20′17" West 416.72 feet; thence North 25°03′28" East 383.15 feet to the POINT OF BEGINNING.

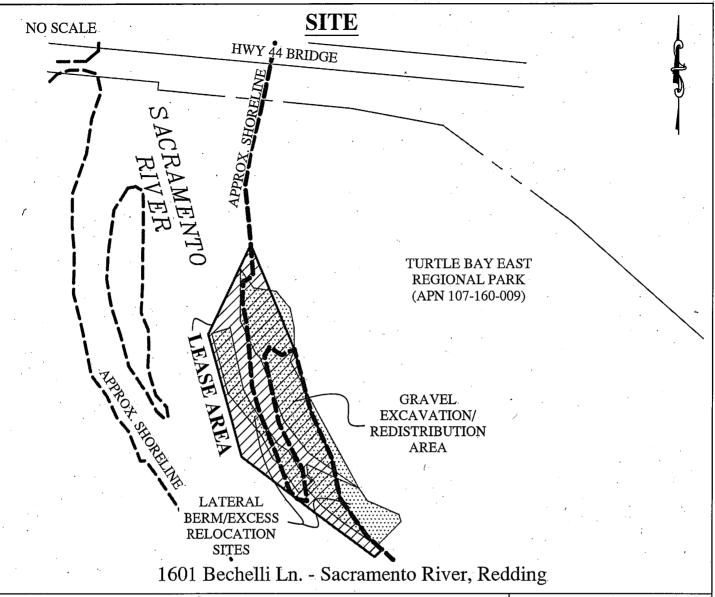
EXCEPTING THEREFROM any portion lying landward of the low water mark of said river.

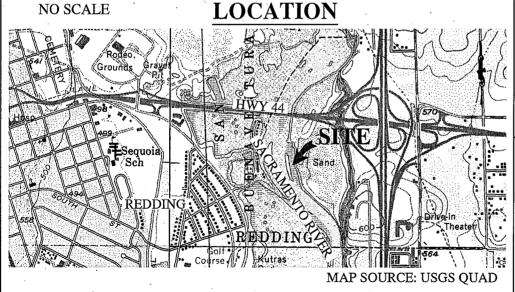
The Basis of Bearings is CCS83, Zone 1. All distances are grid and in U.S. survey feet.

#### **END OF DESCRIPTION**

PREPARED 9/17/14 BY THE CALIFORNIA STATE LANDS COMMISSION BOUNDARY UNIT







This Exhibit is solely for purposes of generally defining the lease premises, is based on unverified information provided by the Lessee or other parties and is not intended to be, nor shall it be construed as, a waiver or limitation of any State interest in the subject or any other property.

### Exhibit B

W 26789 GLENN-COLUSA IRRIGATION DISTRICT APN 107-060-009 GENERAL LEASE -PUBLIC AGENCY USE SHASTA COUNTY



# EXHIBIT C CALIFORNIA STATE LANDS COMMISSION MITIGATION MONITORING PROGRAM

## PAINTER'S RIFFLE ANADROMOUS FISH HABITAT ENHANCEMENT PROJECT

(State Clearinghouse No. 2014082028)

The California State Lands Commission (Commission) is a responsible agency under the California Environmental Quality Act (CEQA) for the Painter's Riffle Anadromous Fish Habitat Enhancement Project (Project). The CEQA lead agency for the Project is Glenn-Colusa Irrigation District (District).

In conjunction with approval of this Project, the Commission adopts this Mitigation Monitoring Program (MMP) for the implementation of mitigation measures for the portion(s) of the Project located on Commission lands. The purpose of a MMP is to discuss feasible measures to avoid or substantially reduce the significant environmental impacts from a project identified in an Environmental Impact Report (EIR) or a Mitigated Negative Declaration. State CEQA Guidelines section 15097, subdivision (a), states in part:

In order to ensure that the mitigation measures and project revisions identified in the EIR or negative declaration are implemented, the public agency shall adopt a program for monitoring or reporting on the revisions which it has required in the project and the measures it has imposed to mitigate or avoid significant environmental effects. A public agency may delegate reporting or monitoring responsibilities to another public agency or to a private entity which accepts the delegation; however, until mitigation measures have been completed the lead agency remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with the program.

The lead agency has adopted a MMP for the whole of the Project (see Exhibit C, Attachment C-1) and remains responsible for ensuring that implementation of the mitigation measures occurs in accordance with its program. The Commission's action and authority as a responsible agency apply only to the mitigation measures listed in Table C-1 below.

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<sup>&</sup>lt;sup>1</sup> The State CEQA Guidelines are found at California Code of Regulations, Title 14, section 15000 et seq.

Table C-1. Project Impacts and Applicable Mitigation Measures.

Potential Impact	Mitigation Measure
Air Quality (Fugitive Dust)	Mitigation Measure #1 – Air Quality/Fugitive Dust Control
Biological Resources (Wildlife)	Mitigation Measure #2 – Wildlife
Biological Resources (Migratory Songbirds and Raptors)	Mitigation Measure #3 – Migratory Songbirds and Raptors
Biological Resources	Mitigation Measure #5 – Erosion and Sediment Control
(Anadromous Fish)	Mitigation Measure #6 – Prevention of Accidental Spills of Pollutants
	See Mitigation Measure #7
	Mitigation Measure #8 – Anadromous Fish
Cultural Resources	Mitigation Measure #9 – Cultural Resources
Hazards and Hazardous Materials	See Mitigation Measure #6
Hydrology and Water Quality	See Mitigation Measures #5 and #6
Noise	Mitigation Measure #10 – Noise
Recreation	See Mitigation Measure #7
	Mitigation Measure #11 – Land Use
Transportation	See Mitigation Measure #11

### **ATTACHMENT C-1**

# Mitigation Monitoring and Reporting Program adopted by the Glenn-Colusa Irrigation District

# **Appendix B Mitigation Monitoring and Reporting Program**

The proposed Project would result in the potential for significant environmental impacts associated with Biological Resources, Hazards & Hazardous Materials, Cultural Resources, Hydrology and Water Quality, Noise, and Recreation. Mitigation measures have been incorporated into the Project to reduce impacts to less than significant levels. The mitigation measures for the Project must be adopted by GCID, in conjunction with adoption of the MND/IS.

Section 21081.6 of the Public Resources Code (PRC) and CEQA Guidelines section 15097 require the Lead Agency for each project that is subject to the CEQA to monitor performance of the mitigation measures included in any environmental document to ensure that implementation does, in fact, take place. The PRC requires the Lead Agency to adopt a monitoring and reporting program for assessing and ensuring the implementation of required mitigation measures.

In accordance with PRC Section 21081.6, GCID has developed this Mitigation Monitoring and Reporting Program (MMRP) for the Project. The purpose of the MMRP is to ensure activities associated the Painter's Riffle Fish Enhancement Project comply with all applicable environmental mitigation requirements. Mitigation measures would reduce short-term environmental impacts associated with reopening a side channel to recreate salmonids spawning habitat in the Upper Sacramento River.

Table B lists the mitigation measures identified in the IS, responsible parties, the time frame for implementation, and the monitoring parties. A column is provided for the monitoring party to indicate the date of completion of each mitigation measure.

**Table B. Mitigation Monitoring and Reporting Program Table** 

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
#1 – Air Quality/ Fugitive Dust Control	Fugitive dust shall be controlled by using reasonably available control measures provided in Rule 3:16 "Fugitive, Indirect, or Nontraditional Sources" of the SCAQMD.	GCID	GCID	Visual	During construction	
#2 – Wildlife	<ul> <li>a. Additional mitigation terms developed in coordination with CDFW, USFWS and NMFS shall also be implemented.</li> <li>b. Due to very limited habitat in the Project area, prior to commencing with site-specific gravel augmentation work, the Project area shall be surveyed by a qualified biologist using CDFW-approved protocols for survey and relocation activities for northwestern pond turtle. If individual northwestern pond turtles are observed in the Project area, they will be relocated to the main channel downstream of the side channel by a qualified biologist using CDFW-protocols.</li> </ul>	GCID	GCID, Reclamation, and/or CDFW biologist.	Visual survey	Prior to Project implementation.	
#3 – Migratory Songbirds and Raptors	<ul> <li>c. Mitigation terms associated with the obtained permits shall be applied.</li> <li>d. To avoid impacts on nesting songbirds and raptors, vegetation removal activities shall occur outside of the nesting season (nesting season is approximately March 1–August 31).</li> <li>e. If other Project implementation activities that have a potential to disturb nesting birds (e.g., noise from equipment) are to occur from March 1–August 31, preconstruction surveys for active raptor and migratory bird nests will be conducted by a qualified biologist. The preconstruction surveys shall be conducted a maximum of 15 days before the start of construction activities. The survey area for raptor nests will include all accessible areas within 250 feet of the Project area; the survey area for migratory birds will include all accessible areas within 50 feet of the Project area. If any active raptor or migratory bird nests are identified, appropriate</li> </ul>	GCID	c.USFWS and CDFW d. Recla mation and/or CDFW biologists e. Recla mation and/or CDFW biologists	Visual survey	Prior to Project implementation	

Measure No.		Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
		conservation measures (as determined by a qualified biologist) will be implemented. These measures may include, but are not limited to establishing a construction-free buffer zone around the active nest site, biological monitoring of the active nest site, and delaying construction activities in the vicinity of the active nest site until the young have fledged.					
#4 – Valley Elderberry Longhorn Beetle	a. b. c.	shall be applied.  Elderberry shrubs within 100 feet of high construction activity shall be buffered by placing orange fencing at a 20-foot radius around the shrub.  Contractors shall be briefed on the need to avoid damaging the elderberry plants and the possible penalties for not complying with these requirements. Work crews shall be briefed about the status of the beetle and the need to protect its elderberry host plant.	a. GCID b. Reclam ation c.GCID/ Reclamation d. Reclam ation	USFWS	Visual	Prior to Project implementation	
#5 – Erosion and Sediment Control (a – d)	a. b.	Mitigation terms associated with the obtained permits shall be applied.	GCID	CVRWQCB	a. Visual survey and turbidit y testing b. Visual survey	During Project implementation	

Measure No.		Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
	c.	GCID shall minimize effects of increased turbidity and sedimentation by meeting the Central Valley Regional Water Quality Control Board (CVRWQCB) water quality objectives for the Sacramento River Basin:  i. Monitoring and Reporting Program under Waste Discharge Requirements;  ii. Water sampling and reporting to CVRWQCB;  iii. During in-river work, turbidity shall be monitored to remain within criteria established by the CVRWQCB in its Clean Water Act §401 Water Quality Certification. Activities shall not cause turbidity increases in surface water to exceed the CVRWQCB water quality objectives for Sacramento River Basin and all Water Quality Certification requirements shall be implemented; and  iv. If the turbidity criteria are exceeded during the 12-hour averaging period, all construction activities shall be halted until turbidity levels drop back down to criteria levels.  Construction in the side-channel will be isolated from the main stem Sacramento River until complete.  This will minimize potential impacts of sediment			c. Turbidity testing and monitoring d. Visual survey		
#5 – Erosion and Sediment Control (e)	e.	releases increasing turbidity downstream.  Prior to commencing with site-specific gravel augmentation work the Project area will be surveyed for spring-run Chinook redds as part of on-gong monitoring efforts by CDFW and Reclamation. In the unlikely event that a spring-run redd is observed during that survey within 200 yards of the proposed project, coordination with NMFS and CDFW will occur and additional protection measures may be implemented such as installation of a turbidity curtain.	GCID and surveys by Reclamation and CDFW.	CDFW and/or NMFS.	Visual redd surveys and/or snorkel survey	Prior to Project Implementation	
#6 – Prevention of Accidental Spills of	a. b.	Mitigation terms associated with the obtained permits shall be applied.  All equipment working within the stream channel shall be inspected daily for fuel, lubrication, and coolant leaks; and for leak potentials (e.g. cracked hoses, loose	GCID	CVRWQCB	Visual	Prior to and during Project implementation	

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
Pollutants	filling caps, stripped drain plugs); and all equipment shall be free of fuel, lubrication, and coolant leaks. External oil, grease, and mud shall be hand-removed and vehicles or equipment shall be washed/cleaned only at designated areas away from the river channel.  c. All construction equipment staging, storage, refueling and maintenance shall be restricted to designated staging areas located away from streams and sensitive habitats on the upper floodplain.  d. There shall be temporary spill containment under all equipment receiving fuel.  e. Equipment mobilized in the active channel near the water shall use biodegradable vegetable oil instead of typical hydraulic fluid in the hydraulic systems.  f. All equipment shall be steam-cleaned prior to arriving on-site to remove contaminants and to minimize the chance of introducing New Zealand mud snails to the river and adjacent lands.  g. There shall be no overnight fuel storage on-site.  h. Spill prevention kits shall be in close proximity to construction areas, and workers shall be trained in their use.					
#7 – Riparian and Sensitive Plant Commun - ities	<ul> <li>a. Mitigation terms associated with the obtained permits shall be applied.</li> <li>b. Impacts on existing vegetation shall be avoided to the extent practical.</li> <li>c. Some riparian vegetation has grown on the accumulated gravel pile in the side channel, including two large willow clumps. Removal of the willows shall be done with a method that allows for use of the plants to supply cuttings for any accidental impacts to riparian vegetation. If the willow cuttings are not needed for accidental impacts to riparian vegetation, they may be planted within the Project vicinity in coordination with the City of Redding.</li> </ul>	GCID	City of Redding	Visual	During and after Project implementation	

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
#8 – Anadro- mous Fish (a – d)	<ul> <li>a. Mitigation terms associated with the obtained perm shall be applied.</li> <li>b. Measures shall be taken to minimize effects to anadromous fish by restricting and isolating in-wate work.</li> <li>c. Prior to commencing with site-specific gravel augmentation work the project area will be surveye spring-run Chinook redds as part of on-gong monite efforts by CDFW and Reclamation. In the unlikely ethat a spring-run redd is observed during that surve within 200 yards of the proposed project, coordinat with NMFS and CDFW will occur and additional protection measures may be implemented such as installation of a turbidity curtain.</li> <li>d. A visual (snorkel or walking) survey will be perform Then, if during the visual survey juvenile salmonids a suspected to be present within Painter's Riffle, a CD biologist would assist in relocating the isolated or stranded fish to the river, or 2-3 biologists will walk abreast downstream at least three times with a block the length of the side channel, in order to encourage juveniles to move out of the channel to adjacent hab Once the relocation of the fish and visual survey are complete, and it has been determined that no juveni are present, the downstream connection to the Sacramento River will be immediately blocked off.</li> </ul>	surveys by Reclamation and CDFW.  and for oring event ey ion  ed. are FW  k net e any bitat.	CDFW and NMFS	a. Visual b. Visual c. Visual redd surveys and/or snorkel surveys d. Visual redd survey s and/or snorkel survey	a. Prior to and during Project b. During Project implementation c. Prior to Project implementation d. Prior to Project implementation	
#8 – Anadro- mous Fish (e – f)	e. Measures shall be taken to minimize effects to anadromous fish by restricting and isolating in-wate work. A gravel berm would be left at the mouth of Painter's Riffle and a gravel berm would be built at t downstream extent of excavation in the side channe isolate the Project area from the main channel. The downstream portion of the side channel will be isola from the main channel after three block net passes through the side channel are completed to encourage any remaining fish to move out of the side channel. Once the block net passes are complete the	the el to uted	CDFW and NMFS	e. Visual f. Visual	e. During Project implementation f. During Project implementation	

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
	downstream connection to the Sacramento River will be immediately blocked off.  f. To avoid or minimize potential injury and mortality of fish during riverine activities (e.g. addition and grading of spawning gravel in gravel pads or lateral berms), equipment shall be operated slowly and deliberately, or a person shall wade ahead of equipment to alert and cause any adult and juvenile salmonids to shift away from the work area. Before submerging a front end loader bucket or laying gravel below the water surface, the bucket shall be operated to slightly contact the surface of the water, or a person will wade ahead of the fill placement equipment to cause any fish to withdraw from the work area. The first layers of clean gravel that are being placed into the wetted channel shall be added slowly and deliberately to allow fish to move from the work area. These mitigation measures shall occur in the morning prior to the commencement of construction activities, after breaks, and after extended					
#9 – Cultural Resources	<ul> <li>a. In the unlikely event that buried archaeological deposits are encountered during construction, excavation, grading or leveling or development related activities, work in the immediate vicinity of the discovery shall cease until the finds have been evaluated by a qualified archaeologist. Should human remains and associated materials be encountered during construction on non-Federal lands, work in that area shall be halted and the Shasta County Coroner's Office shall be immediately contacted pursuant to Health and Human Safety Code Section 7050.5 and 14 CCR § 15064.5(e). If the remains are determined to be of Native American origin, the Native American Heritage Commission (NAHC) shall be notified within 24 hours of determination, as required by PRC Section 5097. Work at the location of the discovery may not proceed until all requirements of PRC Section 5097 are met through the NAHC.</li> <li>b. The title to all abandoned shipwrecks, archaeological</li> </ul>	GCID	a. Shasta County and Native American Heritage Commission b. Assistant Chief Counsel Pam Griggs - CSLC	Visual survey upon discovery of buried archaeological deposits	During Project implementation	

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
	sites, and historic or cultural resources on or in the tide and submerged lands of California is vested in the State and under the jurisdiction of the CSLC. GCID will consult with Assistant Chief Counsel Pam Griggs should any cultural resources on State lands be discovered during construction of the proposed Project.					
#10 – Noise	<ul> <li>a. Mitigation terms associated with the obtained permits shall be applied.</li> <li>b. Construction equipment shall be properly maintained per manufacturers' specifications and fitted with the best available noise suppression devices (i.e., mufflers, silencers, wraps, etc.); including shrouding or shielding all impact tools, and muffling or shielding all intake and exhaust ports on power equipment.</li> <li>c. Stationary construction equipment and staging areas shall be located as far as possible from sensitive receptors.</li> <li>d. The Project applicant shall designate a disturbance coordinator. That person's telephone number shall be conspicuously posted around the Project site and supplied to nearby residences. The disturbance coordinator shall receive all public complaints and be responsible for determining the cause of the complaint and implementing any feasible measures to alleviate the problem (e.g., revised construction hours and use of alternative equipment).</li> <li>e. In advance of noise-generating construction operations, the disturbance coordinator shall advise nearby noise-sensitive receptors of the construction schedule at least 72 hours prior to construction activities by posting signage in high-visibility locations.</li> </ul>	GCID and signs posted by Reclamation	Shasta County	Visual and Auditory	Prior to and during Project implementation	
#11 – Land Use	<ul> <li>a. Mitigation terms associated with the obtained permits shall be applied.</li> <li>b. Interpretive signs shall be placed at the entrance of any roads or trails in Turtle Bay East Regional Park warning of equipment use in the area. The interpretive signs shall include a summary of the</li> </ul>	GCID and Reclamation	City of Redding	Visual cues of signage and blocked entrances to Project site	Prior to and during Project implementation	

## Painter's Riffle Anadromous Fish Habitat Enhancement Project Mitigated Negative Declaration/Initial Study

Measure No.	Mitigation Measure	Responsible Party	Monitoring Party	Method of Verification	Timing of Verification	Date of Comple- tion
	side channel restoration activities. As appropriate, entrances to the side channel shall be gated or closed to vehicle, bicycle, or pedestrian traffic when not in use by placing boulders, logs, dirt piles or other barriers.					